INSULATOR DEPARTMENT

**GENERAL ELECTRIC**

BALTIMORE, MARYLAND

TIA-187-7 (11M) 11-62

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## SECTION 7
## CATALOG NO. 61
# ENTRANCE BUSHINGS

INSULATOR DEPARTMENT • GENERAL ELECTRIC CO. • BALTIMORE, MD.

# ENTRANCE BUSHINGS

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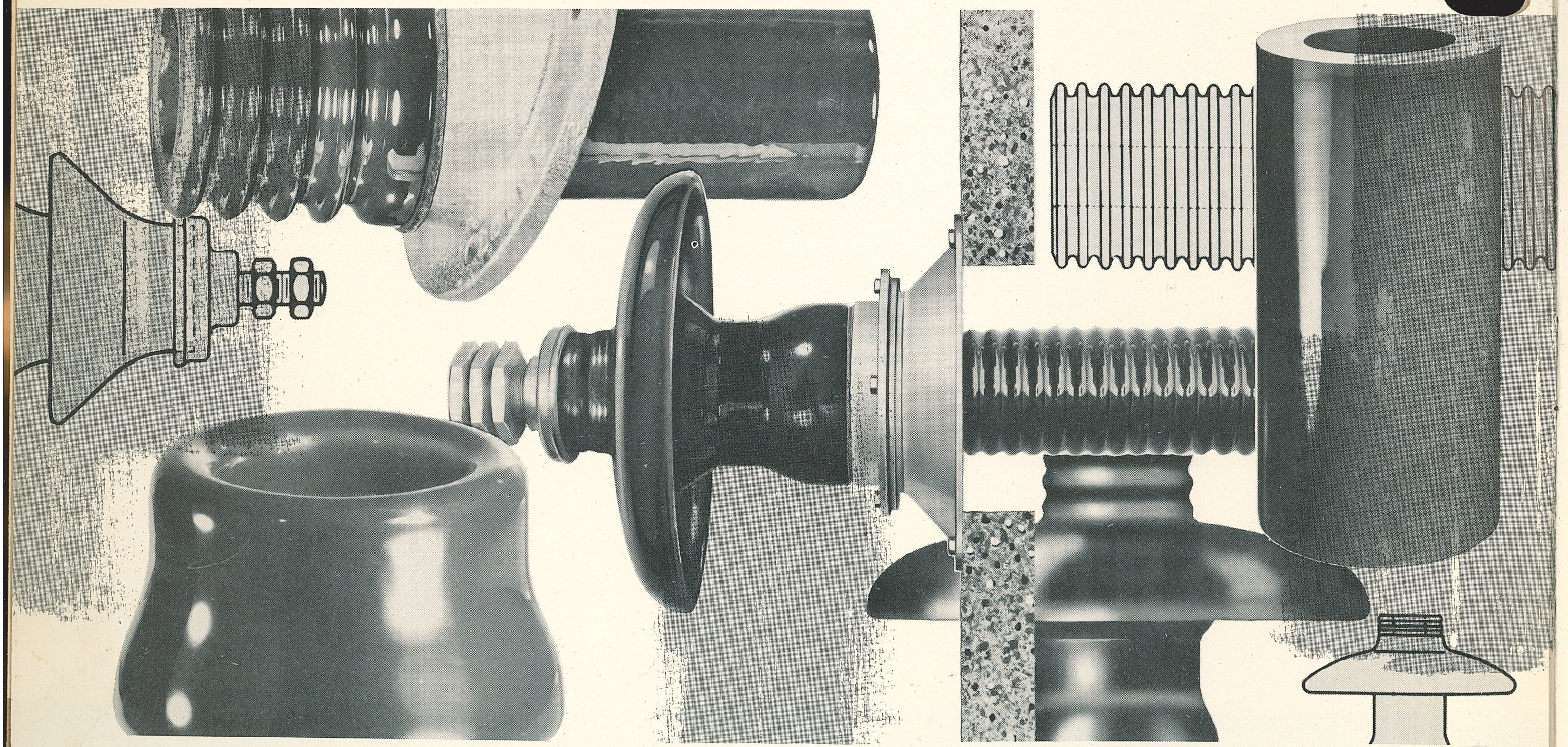
# ENTRANCE BUSHINGS



Entrance bushings are mainly used to carry conductors through roofs or walls of buildings or through conducting barriers within buildings. They may take a great variety of forms, several of which are illustrated schematically below. They may consist merely of tubes grouted into the wall with a bus bar or conductor passing through them, or they may have a conductor assembly as an integral part of the bushing.

For higher voltages, entrance bushings are designed with internal insulation like apparatus bushings, except that both ends operate in air and must make use of its dielectric strength. In some cases, such as roof applications, where one side of the bushing is exposed to rain while the other side remains dry, it may be possible to make the inside end somewhat smaller than the outer one.

Since most very high voltage apparatus is of the outdoor type, it is usually not necessary to bring extremely high voltage leads into a building. That is why most entrance bushings are employed on circuits up to 23 or 34.5 KV.

Inquiries for entrance bushings should include the following information:

**a.** Electrical characteristics required.

**b.** Mounting Details.

**c.** Wall or roof thickness.

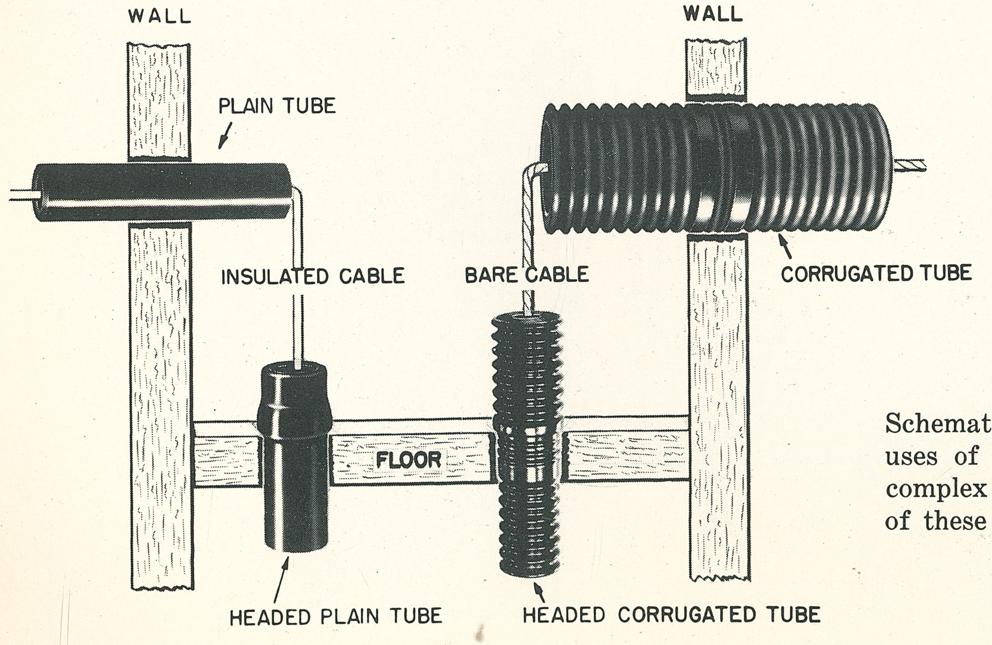
**d.** Terminal arrangement.

**e.** Current rating.

**f.** Kind and size of conductor to be connected to or carried through the bushing.

**g.** A realistic sketch is often helpful.

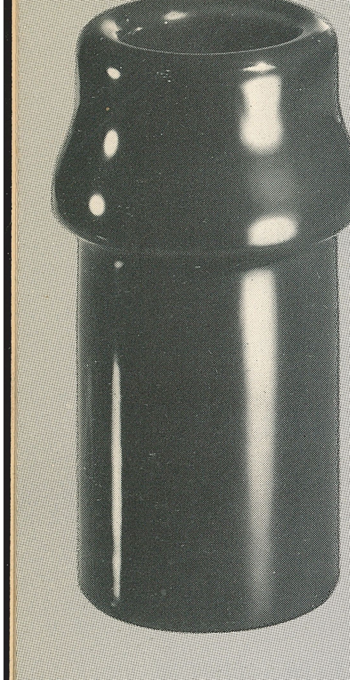
Brown Compression Glaze is Standard for all Entrance Bushings.

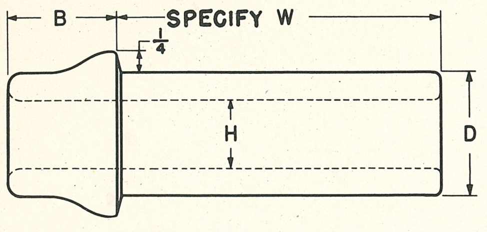


Schematic illustration of primary uses of entrance bushings. More complex forms are often variations of these basic applications.

# ENTRANCE BUSHINGS
# INDOOR TYPE

## ROUND TUBES
### HEADED

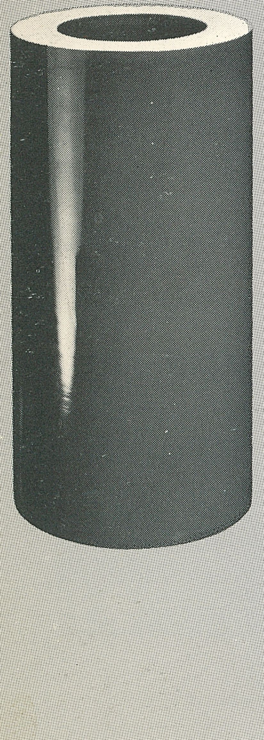


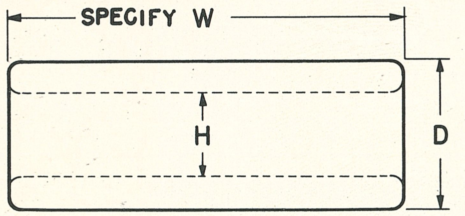


These low voltage tubes, both headed and plain, are generally used with insulated cable, going through masonry or concrete walls. Headed tubes are furnished with W dimensions in multiples of 2 inches. Please specify this dimension on your order.

| Locke Catalog Number | Dimensions in Inches | | |
|---|---|---|---|
| | B | H | D |
| 7148 | 1 | 1 | 2 |
| 7149 | 1 | 1¼ | 2¼ |
| 7150 | 1 | 1½ | 2½ |
| 7151 | 1 | 1¾ | 2¾ |
| 7152 | 1 | 2 | 3 |
| 7153 | 1 | 2½ | 3½ |
| 7154 | 1 | 3 | 4 |
| 7155 | 2 | 1 | 2 |
| 7156 | 2 | 1¼ | 2¼ |
| 7157 | 2 | 1½ | 2½ |
| 7158 | 2 | 1¾ | 2¾ |
| 7159 | 2 | 2 | 3 |
| 7160 | 2 | 2½ | 3½ |
| 7161 | 2 | 3 | 4 |
| 7162 | 3 | 1 | 2 |
| 7163 | 3 | 1¼ | 2¼ |
| 7164 | 3 | 1½ | 2½ |
| 7165 | 3 | 1¾ | 2¾ |
| 7166 | 3 | 2 | 3 |
| 7167 | 3 | 2½ | 3½ |
| 7168 | 3 | 3 | 4 |

## ROUND TUBES
### PLAIN





Plain tubes are furnished with any specified W dimension. Plain tubes, up to 18 ft. long have been successfully made.

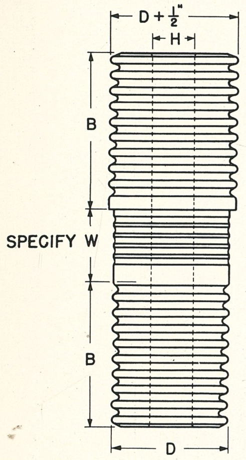
| Locke Catalog Number | Dimensions in Inches | |
|---|---|---|
| | H | D |
| 9320 | 1 | 2 |
| 9321 | 1¼ | 2¼ |
| 9322 | 1½ | 2½ |
| 9323 | 1¾ | 2¾ |
| 9324 | 2 | 3 |
| 9325 | 2 | 3½ |
| 9326 | 2½ | 3½ |
| 9327 | 2½ | 4 |
| 9328 | 3 | 4 |
| 9329 | 3 | 4½ |
| 9330 | 3 | 5 |
| 9331 | 3½ | 4½ |
| 9332 | 3½ | 5 |
| 9333 | 3½ | 5½ |
| 9334 | 4 | 5½ |
| 9335 | 4 | 6 |
| 9336 | 4 | 6½ |
| 9337 | 5 | 7 |

Recommended minimum extensions of plain and headed tubes from each side of floor or wall. For insulated conductors.

| Voltage KV | Extension Inches |
|---|---|
| 2.3 | 1 |
| 4.4 | 2 |
| 6.6 | 3 |

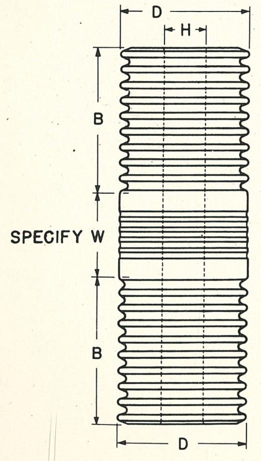
Used largely in indoor bus structures of central stations, the headed bushings are designed for use in floors, plain ones for use in walls. They are furnished with W dimensions in multiples of 2 inches. Please specify this dimension on your order. For recommended minimum extensions, note tables on opposite page and on page 7.

## ROUND FLOOR BUSHINGS
### CORRUGATED-HEADED



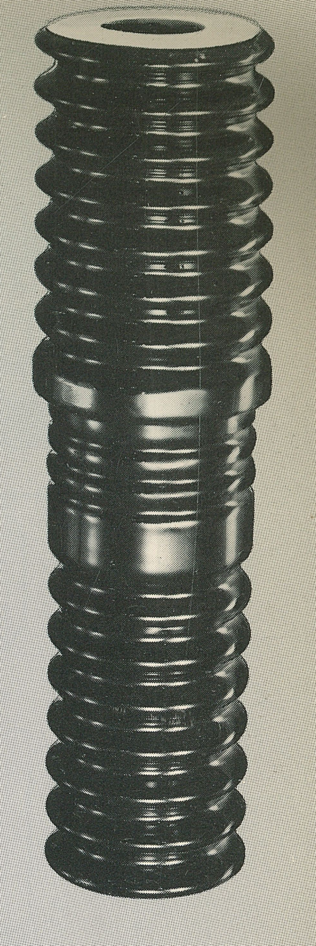
**TYPE A**

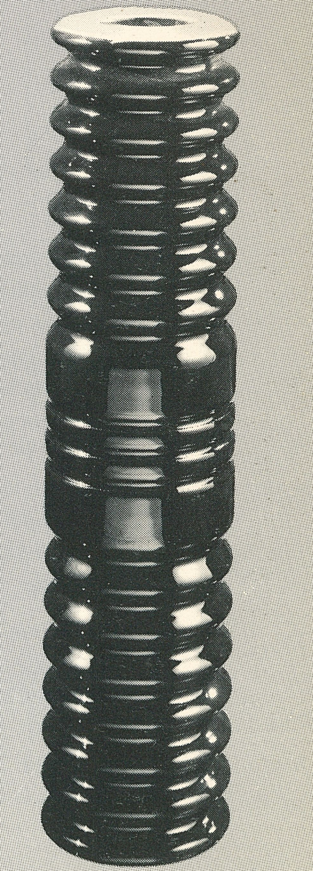
## ROUND WALL BUSHINGS
### CORRUGATED



**TYPE B**

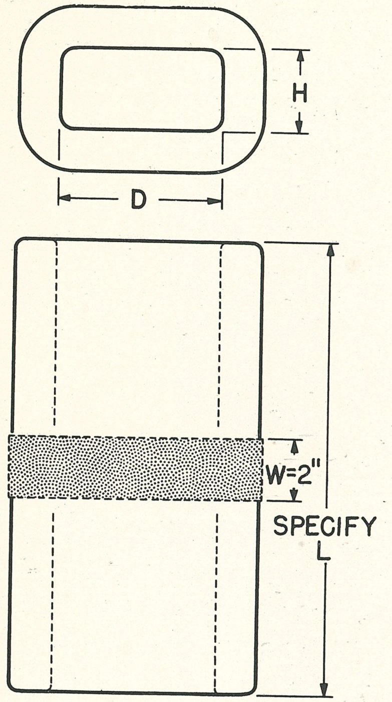
| A | | | | B |
|---|---|---|---|---|
| Locke Catalog Number | Dimensions—Inches | | | Locke Catalog Number |
| | B | H | D | |
| 28300 | 3 | 1 | 2½ | 28400 |
| 28301 | 4 | 1 | 2½ | 28401 |
| 28302 | 5 | 1 | 2½ | 28402 |
| 28303 | 6 | 1 | 2¾ | 28403 |
| 28304 | 8 | 1 | 2¾ | 28404 |
| 28305 | 10 | 1 | 3 | 28405 |
| 28306 | 12 | 1 | 3½ | 28406 |
| 28307 | 3 | 1½ | 3 | 28407 |
| 28308 | 4 | 1½ | 3 | 28408 |
| 28309 | 5 | 1½ | 3 | 28409 |
| 28310 | 6 | 1½ | 3¼ | 28410 |
| 28311 | 8 | 1½ | 3¼ | 28411 |
| 28312 | 10 | 1½ | 3½ | 28412 |
| 28313 | 12 | 1½ | 4 | 28413 |
| 28314 | 3 | 2 | 3½ | 28414 |
| 28315 | 4 | 2 | 3½ | 28415 |
| 28316 | 5 | 2 | 3½ | 28416 |
| 28317 | 6 | 2 | 3¾ | 28417 |
| 28318 | 8 | 2 | 3¾ | 28418 |
| 28319 | 10 | 2 | 4 | 28419 |
| 28320 | 12 | 2 | 4½ | 28420 |
| 28321 | 3 | 2½ | 4 | 28421 |
| 28322 | 4 | 2½ | 4 | 28422 |
| 28323 | 5 | 2½ | 4 | 28423 |
| 28324 | 6 | 2½ | 4¼ | 28424 |
| 28325 | 8 | 2½ | 4¼ | 28425 |
| 28326 | 10 | 2½ | 4½ | 28426 |
| 28327 | 12 | 2½ | 5 | 28427 |
| 28328 | 3 | 3 | 4½ | 28428 |
| 28329 | 4 | 3 | 4½ | 28429 |
| 28330 | 5 | 3 | 4½ | 28430 |
| 28331 | 6 | 3 | 4¾ | 28431 |
| 28332 | 8 | 3 | 4¾ | 28432 |
| 28333 | 10 | 3 | 5 | 28433 |
| 28334 | 12 | 3 | 5½ | 28434 |
| 28335 | 3 | 3½ | 5 | 28435 |
| 28336 | 4 | 3½ | 5 | 28436 |
| 28337 | 5 | 3½ | 5 | 28437 |
| 28338 | 6 | 3½ | 5¼ | 28438 |
| 28339 | 8 | 3½ | 5¼ | 28439 |
| 28340 | 10 | 3½ | 5½ | 28440 |
| 28341 | 12 | 3½ | 6 | 28441 |
| 28342 | 3 | 4 | 5¾ | 28442 |
| 28343 | 4 | 4 | 5¾ | 28443 |
| 28344 | 5 | 4 | 5¾ | 28444 |
| 28345 | 6 | 4 | 6 | 28445 |
| 28346 | 8 | 4 | 6 | 28446 |
| 28347 | 10 | 4 | 6¼ | 28447 |
| 28348 | 12 | 4 | 6½ | 28448 |
| 28349 | 3 | 4½ | 6¼ | 28449 |
| 28350 | 4 | 4½ | 6¼ | 28450 |
| 28351 | 5 | 4½ | 6¼ | 28451 |
| 28352 | 6 | 4½ | 6½ | 28452 |
| 28353 | 8 | 4½ | 6½ | 28453 |
| 28354 | 10 | 4½ | 6¾ | 28454 |
| 28355 | 12 | 4½ | 7 | 28455 |





# ENTRANCE BUSHINGS
## INDOOR TYPE

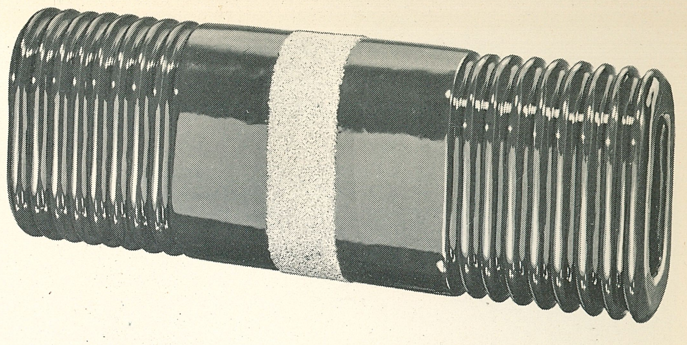
### RECTANGULAR BUSHINGS
PLAIN



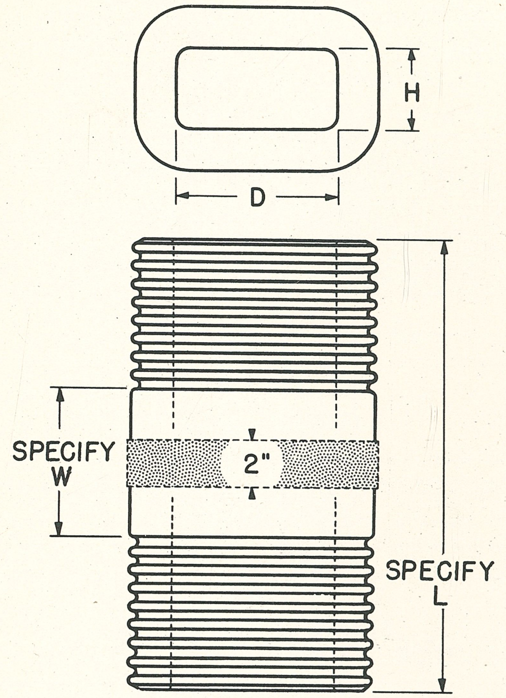
For use with bus bars or stacks. In selecting these bushings, choose hole size at least ½″ larger than the bus bar or stack to be accommodated. This allows for variation in expansion and dimensions. As the W dimension on all plain bushings is 2″, only L should be specified on orders. If possible, also indicate the size of the conductor to be used.

Tubes of high mechanical and electrical strength can be supplied to practically any required dimensions, limited only by the size of firing kilns.

| Locke Catalog Number | Dimensions in Inches | | |
|---|---|---|---|
| | Outside Dimensions | Hole Size | |
| | | H | D |
| 28101 | 3¼ x 4½ | 1¼ | 2½ |
| 28103 | 3¼ x 5 | 1¼ | 3 |
| 28105 | 3¼ x 5½ | 1¼ | 3½ |
| 28107 | 3¼ x 6 | 1¼ | 4 |
| 28109 | 3¼ x 6½ | 1¼ | 4½ |
| 28111 | 3¾ x 7½ | 1¼ | 5 |
| 28113 | 3¾ x 8 | 1¼ | 5½ |
| 28115 | 3¾ x 8½ | 1¼ | 6 |
| 28117 | 3¾ x 4½ | 1¾ | 2½ |
| 28119 | 3¾ x 5 | 1¾ | 3 |
| 28121 | 3¾ x 5½ | 1¾ | 3½ |
| 28123 | 3¾ x 6 | 1¾ | 4 |
| 28125 | 3¾ x 6½ | 1¾ | 4½ |
| 28127 | 4¼ x 7½ | 1¾ | 5 |
| 28129 | 4¼ x 8 | 1¾ | 5½ |
| 28131 | 4¼ x 8½ | 1¾ | 6 |
| 28133 | 4¼ x 4½ | 2¼ | 2½ |
| 28135 | 4¼ x 5 | 2¼ | 3 |
| 28137 | 4¼ x 5½ | 2¼ | 3½ |
| 28139 | 4¼ x 6 | 2¼ | 4 |
| 28141 | 4¼ x 6½ | 2¼ | 4½ |
| 28143 | 4¾ x 7½ | 2¼ | 5 |
| 28145 | 4¾ x 8 | 2¼ | 5½ |
| 28147 | 4¾ x 8½ | 2¼ | 6 |
| 28149 | 4¾ x 5 | 2¾ | 3 |
| 28151 | 4¾ x 5½ | 2¾ | 3½ |
| 28153 | 4¾ x 6 | 2¾ | 4 |
| 28155 | 4¾ x 6½ | 2¾ | 4½ |
| 28157 | 5¼ x 7½ | 2¾ | 5 |
| 28159 | 5¼ x 8 | 2¾ | 5½ |
| 28161 | 5¼ x 8½ | 2¾ | 6 |
| 28163 | 5¼ x 5½ | 3¼ | 3½ |
| 28165 | 5¼ x 6 | 3¼ | 4 |
| 28167 | 5¼ x 6½ | 3¼ | 4½ |
| 28169 | 5¾ x 7½ | 3¼ | 5 |
| 28171 | 5¾ x 8 | 3¼ | 5½ |
| 28173 | 5¾ x 8½ | 3¼ | 6 |
| 28175 | 5¾ x 6 | 3¾ | 4 |
| 28177 | 5¾ x 6½ | 3¾ | 4½ |
| 28179 | 6¼ x 7½ | 3¾ | 5 |
| 28181 | 6¼ x 8 | 3¾ | 5½ |
| 28183 | 6¼ x 8½ | 3¾ | 6 |
| 28185 | 6¼ x 6½ | 4¼ | 4½ |
| 28187 | 6¾ x 7½ | 4¼ | 5 |
| 28189 | 6¾ x 8 | 4¼ | 5½ |
| 28191 | 6¾ x 8½ | 4¼ | 6 |
| 28193 | 7¼ x 7½ | 4¾ | 5 |
| 28195 | 7¼ x 8 | 4¾ | 5½ |
| 28197 | 7¼ x 8½ | 4¾ | 6 |
| 28199 | 7¾ x 8 | 5¼ | 5½ |
| 28201 | 7¾ x 8½ | 5¼ | 6 |
| 28203 | 8¼ x 8½ | 5¾ | 6 |



### RECTANGULAR BUSHINGS
CORRUGATED



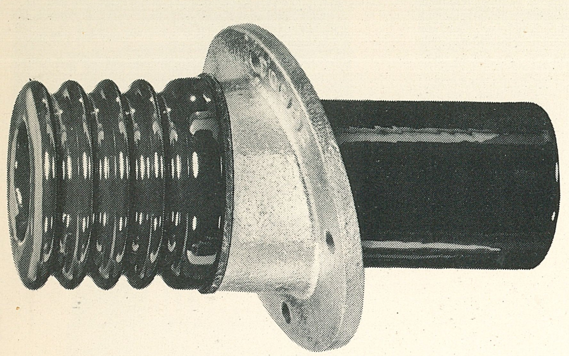
For use above 15 KV, corrugated bushings are recommended. They are furnished with W dimensions in multiples of 2 inches. Please specify this dimension on your order.

Recommended minimum extensions of rectangular and round bushings from each side of floor or wall.
For bare conductors.

| Voltage KV | Extension—Inches Corrugated |
|---|---|
| 5 | 5 |
| 7.5 | 6 |
| 15 | 8 |
| 23 | 12 |

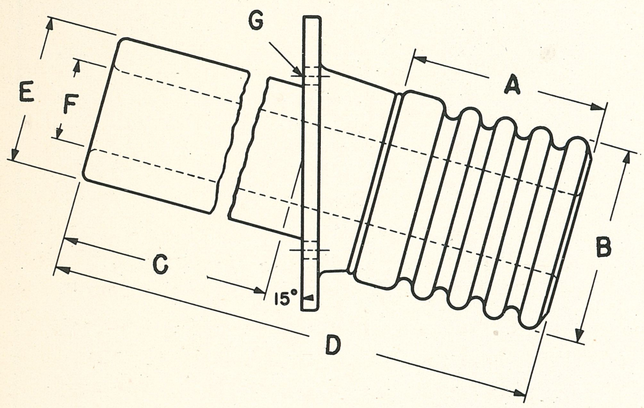
| Locke Catalog Number | Dimensions in Inches | | |
|---|---|---|---|
| | Outside Dimensions | Hole Size | |
| | | H | D |
| 28900 | 3¾ x 5 | 1¼ | 2½ |
| 28901 | 3¾ x 5½ | 1¼ | 3 |
| 28902 | 3¾ x 6 | 1¼ | 3½ |
| 28903 | 3¾ x 6½ | 1¼ | 4 |
| 28904 | 3¾ x 7 | 1¼ | 4½ |
| 28905 | 3¾ x 7½ | 1¼ | 5 |
| 28906 | 3¾ x 8 | 1¼ | 5½ |
| 28907 | 3¾ x 8½ | 1¼ | 6 |
| 28908 | 4¼ x 5 | 1¾ | 2½ |
| 28909 | 4¼ x 5½ | 1¾ | 3 |
| 28910 | 4¼ x 6 | 1¾ | 3½ |
| 28911 | 4¼ x 6½ | 1¾ | 4 |
| 28912 | 4¼ x 7 | 1¾ | 4½ |
| 28913 | 4¼ x 7½ | 1¾ | 5 |
| 28914 | 4¼ x 8 | 1¾ | 5½ |
| 28915 | 4¼ x 8½ | 1¾ | 6 |
| 28916 | 4¾ x 5 | 2¼ | 2½ |
| 28917 | 4¾ x 5½ | 2¼ | 3 |
| 28918 | 4¾ x 6 | 2¼ | 3½ |
| 28919 | 4¾ x 6½ | 2¼ | 4 |
| 28920 | 4¾ x 7 | 2¼ | 4½ |
| 28921 | 4¾ x 7½ | 2¼ | 5 |
| 28922 | 4¾ x 8 | 2¼ | 5½ |
| 28923 | 4¾ x 8½ | 2¼ | 6 |
| 28924 | 5¼ x 5½ | 2¾ | 3 |
| 28925 | 5¼ x 6 | 2¾ | 3½ |
| 28926 | 5¼ x 6½ | 2¾ | 4 |
| 28927 | 5¼ x 7 | 2¾ | 4½ |
| 28928 | 5¼ x 7½ | 2¾ | 5 |
| 28929 | 5¼ x 8 | 2¾ | 5½ |
| 28930 | 5¼ x 8½ | 2¾ | 6 |
| 28931 | 5¾ x 6 | 3¼ | 3½ |
| 28932 | 5¾ x 6½ | 3¼ | 4 |
| 28933 | 5¾ x 7 | 3¼ | 4½ |
| 28934 | 5¾ x 7½ | 3¼ | 5 |
| 28935 | 5¾ x 8 | 3¼ | 5½ |
| 28936 | 5¾ x 8½ | 3¼ | 6 |
| 28937 | 6¼ x 6½ | 3¾ | 4 |
| 28938 | 6¼ x 7 | 3¾ | 4½ |
| 28939 | 6¼ x 7½ | 3¾ | 5 |
| 28940 | 6¼ x 8 | 3¾ | 5½ |
| 28941 | 6¼ x 8½ | 3¾ | 6 |
| 28942 | 6¾ x 7 | 4¼ | 4½ |
| 28943 | 6¾ x 7½ | 4¼ | 5 |
| 28944 | 6¾ x 8 | 4¼ | 5½ |
| 28945 | 6¾ x 8½ | 4¼ | 6 |
| 28946 | 7¼ x 7½ | 4¾ | 5 |
| 28947 | 7¼ x 8 | 4¾ | 5½ |
| 28948 | 7¼ x 8½ | 4¾ | 6 |
| 28949 | 7¾ x 8 | 5¼ | 5½ |
| 28950 | 7¾ x 8½ | 5¼ | 6 |
| 28951 | 8¼ x 8½ | 5¾ | 6 |

# ENTRANCE BUSHINGS
## OUTDOOR TYPE

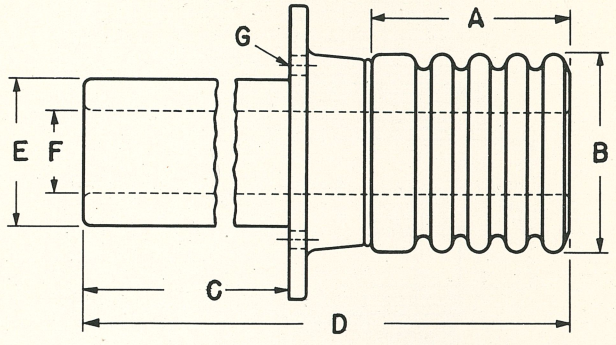


## OUTLET BUSHINGS
### LOW VOLTAGE

These low voltage outlet bushings are widely used in meter house connections to insulate primary circuit outlets and for similar applications. The standard flanges are cast from high grade grey iron, double hot-dip galvanized. When currents of 600 amperes and above are stipulated, bronze flanges are furnished. Bushings with one or both ends of special length can be furnished on request.

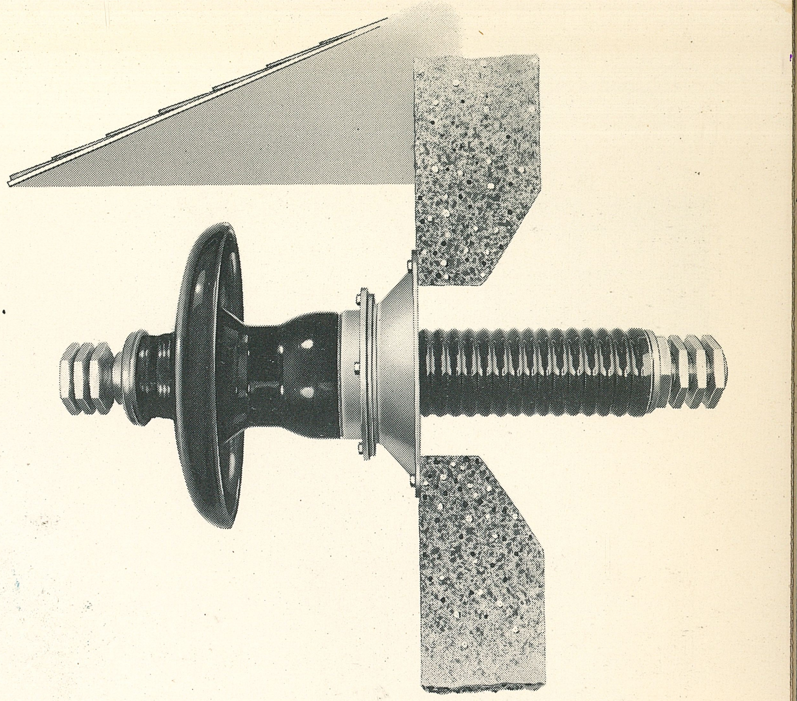


**ANGLE MOUNTING**
**NOS. 8370, 24050, 24156**



**STRAIGHT MOUNTING**
**NOS. 24344, 24345, 24346**

| Locke Catalog Number | Dimensions—Inches | | | | | | Holes—G | | Approx. Lbs. Each | | Std. Pkg. Quan. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | Number | Size Inches | Net | Pkd. | |
| **ANGLE MOUNTING 8370** | 2 | 2½ | 3⅛ | 6 | 1¾ | ¾ | 4 | ¼, 3 3/16BC | 2⅛ | 2⅞ | 18 |
| **24050** | 3 | 3 | 3 15/16 | 8⅛ | 2¼ | 1¼ | 4 | 5/16, 3¾BC | 3¾ | 5 | 12 |
| **24156** | 3 | 3½ | 4 5/32 | 8½ | 2¾ | 1¾ | 4 | 7/16, 4½BC | 5 | 6⅛ | 10 |
| **STRAIGHT MOUNTING 24344** | 2 | 2½ | 3 1/16 | 6 | 1¾ | ¾ | 4 | ¼, 3 3/16BC | 2⅛ | 2⅞ | 18 |
| **24345** | 3 | 3 | 3 13/16 | 8⅛ | 2¼ | 1¼ | 4 | 5/16, 3¾BC | 3¾ | 5 | 12 |
| **24346** | 3 | 3½ | 4 3/16 | 8½ | 2¾ | 1¾ | 4 | 7/16, 4½BC | 5 | 6⅛ | 10 |



While these insulators may be fully exposed to the weather, a simple roof will protect them from falling ice and direct snow. Note conical hole for increased electrical clearance at indoor end.

## ROOF AND WALL BUSHINGS
### FOR THICK WALLS

Series 18500 entrance bushings are intended for carrying leads through roof and wall barriers of brick and concrete. They are designed for maximum wet flashover values on the outdoor end and high dry flashover on the end projecting into the building.

These roof and wall entrance bushings have long effective leakage distance. They are mechanically strong, easy to install and have been proven by many years of satisfactory service.

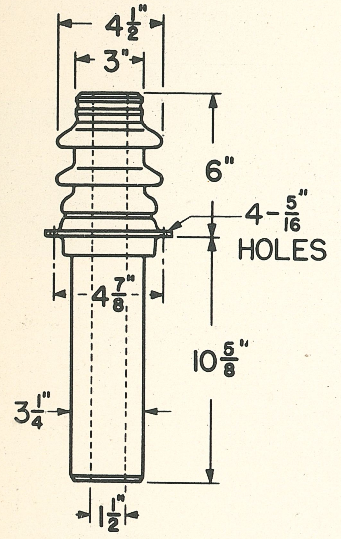
The insulating element is a single porcelain tube. For currents below 600 amperes, a small, heavily galvanized, malleable-iron mounting ring is cemented to the porcelain. When the conductor through the bushing is to carry 600 amperes or more, high strength bronze mounting rings are furnished.

The mounting base is attached to the wall or roof with expansion bolts. To make full electrical use of the indoor shank end of the bushing, it is usually desirable—particularly with thick walls—to make the hole through the wall as large as possible. It may be made conical, for increased electrical clearance, as illustrated above. Holes cut just large enough to permit passage of the porcelain, cut down the clearance between the inside terminal and ground, materially reducing the bushing's electrical characteristics.

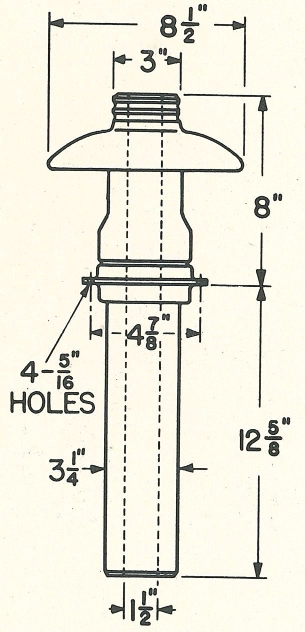
A complete line of copper rod assemblies for use in these bushings is shown on page 11. These assemblies are completely mechanical and require no further cementing. When necessary, the conductor may be changed after the bushing is installed, without removing the bushing from its mounting.

# ENTRANCE BUSHINGS
# OUTDOOR TYPE

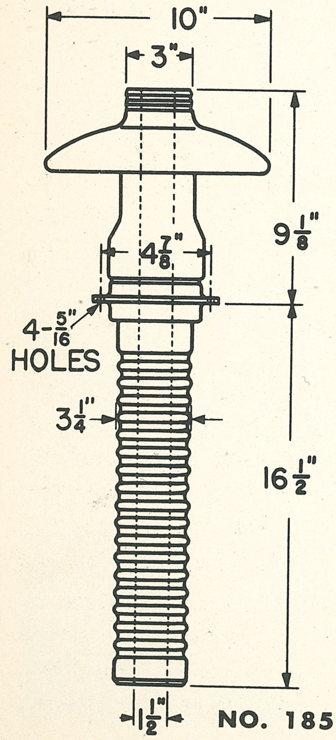
## ROOF AND WALL BUSHINGS
### FOR THICK WALLS
### 6.6 TO 22 KV.



**NO. 18501**



**NO. 18502**



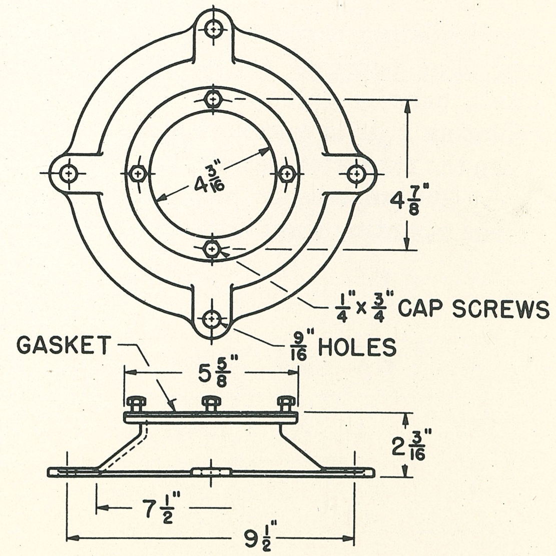
**NO. 18503**

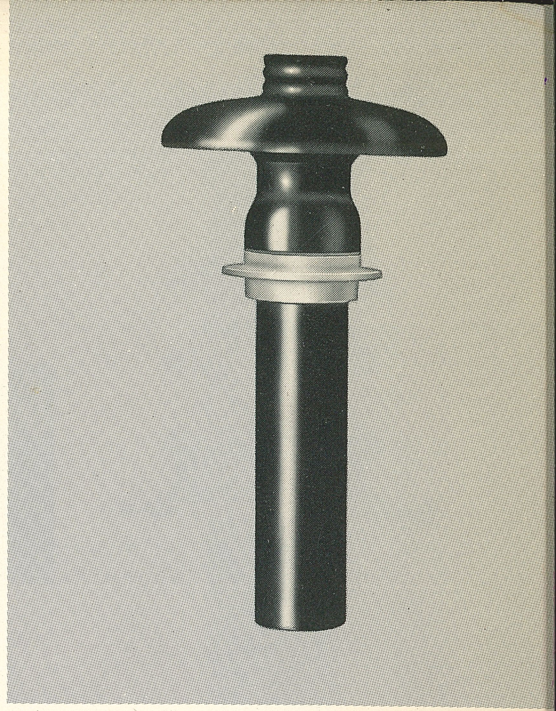
Select rod assemblies for these bushings from opposite page. Bushings, sub-bases and rod assemblies are packed separately.

| Locke Catalog Number | Voltage Rating KV | Lbs. Net |
|---|---|---|
| 18501 | 6.6 | 12 |
| 18502 | 11 | 15 |
| 18503 | 22 | 30 |

**SUB-BASE**
**NO. 13328**

This sub-base is for use with the bushings on this page. Weight: 5 lbs. For currents below 600 amperes, it is made of hot-dip galvanized malleable iron. For currents above 600 amperes, it is high strength bronze.

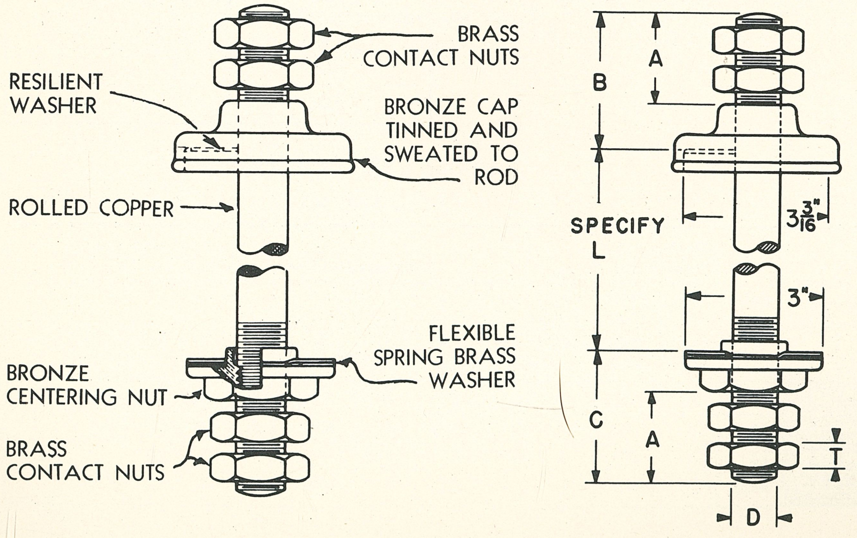




## ROD ASSEMBLIES
### FOR THICK WALL, ROOF AND WALL BUSHINGS
### 6.6 TO 22 KV.

| Locke Catalog Number | Dimensions—Inches A | B | C | D | T | L | Approx. Lbs. Ea. Pkd. | Use with Bushing No. |
|---|---|---|---|---|---|---|---|---|
| 19600 | 2 | 3 | 2⅞ | ⅝ | ½ | 17⅛ | 5¼ | 18501 |
| 19601 | | | | | | 21⅛ | 5¾ | 18502 |
| 19602 | | | | | | 26⅛ | 6¼ | 18503 |
| 19608 | 2 | 3 | 2⅞ | ¾ | ½ | 17⅛ | 6¼ | 18501 |
| 19609 | | | | | | 21⅛ | 6¾ | 18502 |
| 19610 | | | | | | 26⅛ | 7¼ | 18503 |
| 19616 | 2½ | 3½ | 3⅜ | 1 | ¾ | 17⅛ | 8¾ | 18501 |
| 19617 | | | | | | 21⅛ | 9¾ | 18502 |
| 19618 | | | | | | 26⅛ | 11½ | 18503 |
| 19624 | 3¼ | 4¼ | 4⅛ | 1¼ | 1 | 17⅛ | 13¼ | 18501 |
| 19625 | | | | | | 21⅛ | 15¼ | 18502 |
| 19626 | | | | | | 26⅛ | 17¼ | 18503 |

| Recomm. Current Rating Amps. | Rod Diam. Inches | Threads per Inch |
|---|---|---|
| 300 | ⅝ | 11 |
| 400 | ¾ | 12 |
| 800 | 1 | 12 |
| 1200 | 1¼ | 12 |



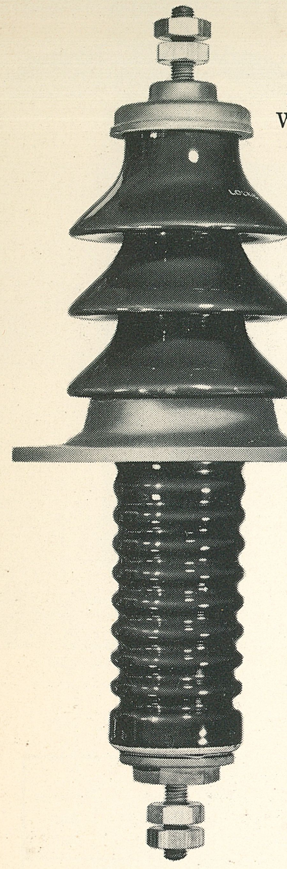
Threaded rod assemblies are designed for use with standard bushings and many special applications.

A hex-centering nut, backed up with a flexible spring brass washer, centers the conductor and maintains proper spring tension to keep the centering nut snugly against the porcelain at all times.

These rod assemblies can be furnished with any desired L dimension. Please specify on order. Rods of other diameters available on request.

# ENTRANCE BUSHINGS

## OUTDOOR TYPE



15 KV Thin Wall Bushing

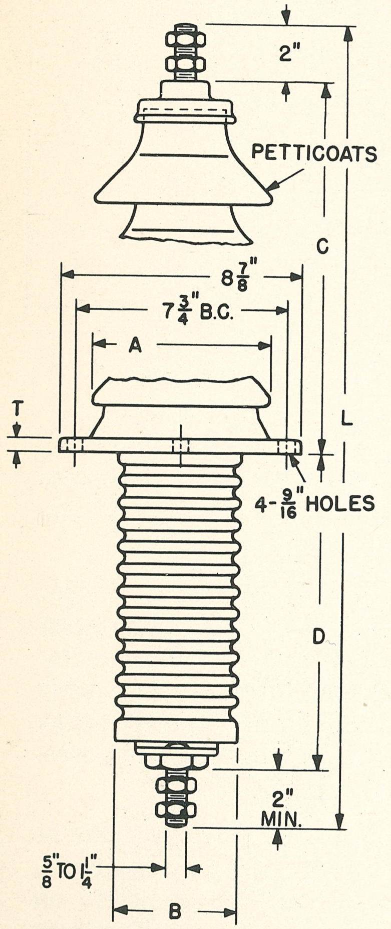
### ROOF AND WALL BUSHINGS FOR THIN WALLS 7.5 TO 34.5 KV.

A shorter shank differentiates these bushings from the thick wall types. Their extreme reliability has made them favorites of switch house engineers for the thin walls of metal switch houses or panels. They fully meet NEMA standard flashover requirements and are designed so that the surrounding air is used with maximum efficiency.

Deep, sloping hoods on the outside ends give high resistance to current leakage. They are sufficiently steep to shed snow, sleet or rain readily. The shanks, with deep corrugations starting at the flange line, have high flashover value for their length.

A ⅝″ diameter copper rod conductor is held firmly in place. It is equipped with two contact nuts at each end, as shown. Other sizes up to 1¼″ can be furnished or can be substituted after installation, without removing the bushing from its mounting. Please specify rod size and desired ampere rating on your order. The flanges of these bushings, regardless of rating, have identical overall and bolt circle diameters. Bushings can be exchanged without the expense and labor of relocating mounting holes. Flanges for current ratings below 600 amperes are painted grey iron. Above this rating, they are cast bronze.

| Recommended Current Rating Amperes | Rod Diameter Inches | Threads per Inch |
|---|---|---|
| 300 | ⅝ | 11 |
| 400 | ¾ | 12 |
| 800 | 1 | 12 |
| 1200 | 1¼ | 12 |



NOS. 24217-24220

| Locke Catalog Number | Rating KV | Flashover KV NEMA Std. |  | No. of Petticoats | Dimensions—Inches |  |  |  |  |  | Approx. Lbs. |  | Std. Pkg. Quan. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  | Dry Indoor End | Wet Outdoor End |  | A | B | C | D | L | T | Net | Pkd. |  |
| **24217** | 7.5 | 50 | 35 | 2 | 6 | 3½ | 8 | 7¼ | 19¾ | ⅜ | 22 | 32 | 2 |
| **24218** | 15 | 70 | 50 | 3 | 6 | 3½ | 10 | 8½ | 23¹⁄₁₆ | ⅜ | 26 | 36 | 2 |
| **24219** | 23 | 90 | 70 | 4 | 6½ | 4½ | 13⅛ | 11⅛ | 28¹⁵⁄₁₆ | ½ | 43 | 58 | 2 |
| **24220** | 34.5 | 120 | 95 | 5 | 6½ | 4½ | 17 | 18⅞ | 40¹⁵⁄₁₆ | ½ | 58 | 78 | 2 |

## DISTRICT SALES OFFICES

See your Insulator Department representative for complete technical information on Entrance Bushings, or write directly to: Insulator Department, General Electric Company, South Charles and Cromwell Streets, Baltimore 30, Maryland.

**ATLANTA 2, Georgia**
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So. Charles & Cromwell Sts.

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9216 Clayton Road
Room 111